

Title (en)
ABSORBENT LAYER STRUCTURE

Title (de)
SAUGFÄHIGE SCHICHTSTRUKTUR

Title (fr)
STRUCTURE A COUCHE ABSORBANTE

Publication
EP 1765239 A4 20100414 (EN)

Application
EP 05757233 A 20050704

Priority
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• SE 2004001077 W 20040702

Abstract (en)
[origin: WO2006004464A1] An absorbent layer structure for use as an absorbent body in an absorbent article. The absorbent structure comprises a first surface layer consisting mainly of cellulose fluff pulp, a second surface layer consisting mainly of cellulose fluff pulp, and an inner layer arranged between the surface layers consisting of a mixture of cellulose fluff pulp and 5-90 % by weight superabsorbent material, the cellulose fluff pulp in the surface layers having a mat strength which is lower than the mat strength in the inner layer by at least 1 N measured at a weight per unit area of 300 g/m²

IPC 8 full level
A61F 13/15 (2006.01)

CPC (source: EP US)
A61F 13/15203 (2013.01 - EP US); **A61F 13/531** (2013.01 - EP US); **A61F 13/534** (2013.01 - EP US); **D21H 27/34** (2013.01 - EP US); **A61F 2013/15292** (2013.01 - EP US); **A61F 2013/15406** (2013.01 - EP US); **A61F 2013/15414** (2013.01 - EP US); **A61F 2013/15422** (2013.01 - EP US); **A61F 2013/530087** (2013.01 - EP US); **A61F 2013/530547** (2013.01 - EP US); **A61F 2013/5307** (2013.01 - EP US)

Citation (search report)
• [XY] US 5866242 A 19990202 - TAN EROL [US], et al
• [X] US 5294478 A 19940315 - WANEK MARY C [US], et al
• [XY] US 5009650 A 19910423 - BERNARDIN LEO J [US]
• [Y] WO 9315702 A1 19930819 - MOELNLYCKE AB [SE]
• [Y] US 5601921 A 19970211 - ERIKSSON INGER V [SE]
• [Y] WO 0249559 A2 20020627 - HENKEL KGAA [DE], et al
• See references of WO 2006004543A1

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